



>>Entry Name: 1-Chloro-3-methylbutane, 9CI

Synonym(s): Isopentyl chloride. 1-Chloroisopentane. Isoamyl chloride

CAS Registry Number: 107-84-6

$(\text{H}_3\text{C})_2\text{CHCH}_2\text{CH}_2\text{Cl}$

Molecular Formula: $\text{C}_5\text{H}_{11}\text{Cl}$

Molecular Weight: 106.595

Accurate Mass: 106.054927

Percentage Composition: C 56.34%; H 10.40%; Cl 33.26%

Physical Description: Liq.

Boiling Point: Bp_{734} 99°

Hazard & Toxicity: Highly flammable, fl. p. <21°

Rare Chemicals Library: S56452-4

References:

Underwood, D. *et al.*, *J.A.C.S.*, 1934, **56**, 2117, (*synth*)

Anderson, A.G. *et al.*, *Synthesis*, 1976, **6**, 398, (*synth*)

Jones, L.A. *et al.*, *J.O.C.*, 1978, **43**, 2821, (*synth*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, CII000